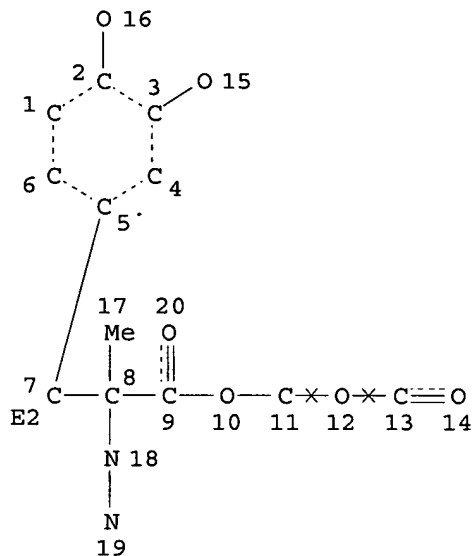


=> d sia
 L1 HAS NO ANSWERS
 L1 STR

Dec. 7, 2005 10/1728,942



NODE ATTRIBUTES:
 HCOUNT IS E2 AT 7
 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 20

STEREO ATTRIBUTES: NONE

=> s l1
 SAMPLE SEARCH INITIATED 12:28:35 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 3 TO ITERATE

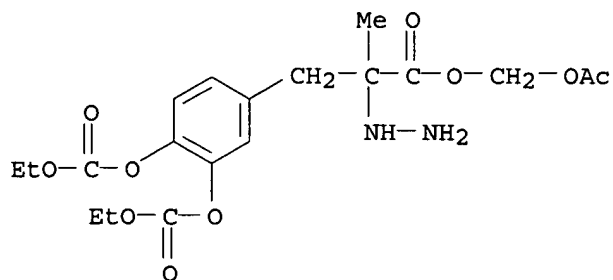
100.0% PROCESSED 3 ITERATIONS 2 ANSWERS
 SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 3 TO 163
 PROJECTED ANSWERS: 2 TO 124

L2 2 SEA SSS SAM L1

=> d scan

L2 2 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN Benzenepropanoic acid, 3,4-bis[(ethoxycarbonyl)oxy]-α-hydrazino-
 α-methyl-, (acetyloxy)methyl ester (9CI)
 MF C19 H26 N2 O10



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s ll ful

FULL SEARCH INITIATED 12:28:57 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 47 TO ITERATE

100.0% PROCESSED 47 ITERATIONS

31 ANSWERS

SEARCH TIME: 00.00.01

L3 31 SEA SSS FUL L1

=> d tot reg

1	RN	710292-77-6	REGISTRY
2	RN	709657-41-0	REGISTRY
3	RN	709657-40-9	REGISTRY
4	RN	709657-39-6	REGISTRY
5	RN	709657-38-5	REGISTRY
6	RN	709657-37-4	REGISTRY
7	RN	709657-34-1	REGISTRY
8	RN	709657-33-0	REGISTRY
9	RN	709657-32-9	REGISTRY
10	RN	709657-30-7	REGISTRY
11	RN	709657-29-4	REGISTRY
12	RN	709657-28-3	REGISTRY
13	RN	709657-26-1	REGISTRY
14	RN	709657-25-0	REGISTRY
15	RN	709657-24-9	REGISTRY
16	RN	709657-23-8	REGISTRY
17	RN	709657-22-7	REGISTRY
18	RN	709657-21-6	REGISTRY
19	RN	709657-20-5	REGISTRY
20	RN	709657-18-1	REGISTRY
21	RN	709657-17-0	REGISTRY
22	RN	709657-16-9	REGISTRY
23	RN	709657-15-8	REGISTRY
24	RN	709657-14-7	REGISTRY
25	RN	709657-13-6	REGISTRY
26	RN	709656-88-2	REGISTRY
27	RN	709656-78-0	REGISTRY
28	RN	709656-69-9	REGISTRY
29	RN	709656-68-8	REGISTRY
30	RN	709656-67-7	REGISTRY
31	RN	709656-65-5	REGISTRY

=> fil caplus

FILE 'CAPLUS' ENTERED AT 12:29:17 ON 07 DEC 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 7 Dec 2005 VOL 143 ISS 24
FILE LAST UPDATED: 6 Dec 2005 (20051206/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

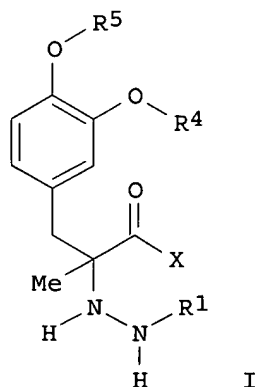
=> s 13
L4 801641 13

=> s 13
L5 1 L3

=> d cbib abs

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN
2004:515471 Document No. 141:71827 Preparation of carbidopa prodrugs.
Xiang, Jia-ning; Gallop, Mark A.; Cundy, Kenneth C.; Li, Jianhua; Xu, Feng; Zhou, Cindy X.; Bhat, Laxminarayan (Xenoport, Inc., USA). PCT Int. Appl. WO 2004052841 A1 20040624, 144 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2003-US38742 20031208. PRIORITY: US 2002-PV431304 20021206.

GI



AB The invention relates to prodrugs of carbidopa and compns. containing them, including methods for their synthesis and application. Prodrugs of formula I [X is OR10, OCR16R17O2CR11 or Q-(CR20R21)1-6CO2R10, where Q is O or NR15, R10, R11, R15, R16, R17, R20, R21 are H, (un)substituted alkyl or aryl, etc.; R1 is H or CO2CR16R17O2CR11; R4, R5 are H, (un)substituted alkyl or aryl, etc.] are claimed. Thus, 3-[3,4-bis(ethoxycarbonyloxy)phenyl]-2-hydrazino-2-methylpropionic acid acetoxymethyl ester was prepared from carbidopa and shown, when coadministered with L-dopa, to improve relative bioavailability of L-dopa.

=> fil beil

FILE 'BEILSTEIN' ENTERED AT 12:30:23 ON 07 DEC 2005

COPYRIGHT (c) 2005 Beilstein-Institut zur Foerderung der Chemischen Wissenschaften
licensed to Beilstein GmbH and MDL Information Systems GmbH

FILE LAST UPDATED ON OCTOBER 10, 2005

FILE COVERS 1771 TO 2005.

*** FILE CONTAINS 9,363,954 SUBSTANCES ***

>>>PLEASE NOTE: Reaction Data and substance data are stored in separate documents and can not be searched together in one query. Reaction data for BEILSTEIN compounds may be displayed immediately with the display codes PRE (preparations) and REA (reactions). A substance answer set retrieved after the search for a chemical name, a compounds with available reaction information by combining with PRE/FA, REA/FA or more generally with RX/FA. The BEILSTEIN Registry Number (BRN) is the link between a BEILSTEIN compound and belonging reactions. For mo detailed reaction searches BRNs can be searched as reaction partner BRNs Reactant BRN (RX.RBRN) or Product BRN (RX.PBRN).<<<

>>> FOR SEARCHING PREPARATIONS SEE HELP PRE <<<

* PLEASE NOTE THAT THERE ARE NO FORMATS FREE OF COST. *
* SET NOTICE FEATURE: THE COST ESTIMATES CALCULATED FOR SET NOTICE *
* ARE BASED ON THE HIGHEST PRICE CATEGORY. THEREFORE; THESE *
* ESTIMATES MAY NOT REFLECT THE ACTUAL COSTS. *
* FOR PRICE INFORMATION SEE HELP COST *

NEW

* PATENT NUMBERS (PN) AND BABS ACCESSION NUMBERS (BABSAN) CAN NOW BE SEARCHED, SELECTED AND TRANSFERRED.
* NEW DISPLAY FORMATS ALLREF, ALLP AND BABSAN SHOW ALL REFERENCES, ALL PATENT REFERENCES, OR ALL BABS ACCESSION NUMBERS FOR A COMPOUND AT A GLANCE.

*** YOU HAVE NEW MAIL ***

=> s ll ful

FULL SEARCH INITIATED 12:30:30 FILE 'BEILSTEIN'

FULL SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.05

L6 0 SEA SSS FUL L1

=>

=> d his

(FILE 'HOME' ENTERED AT 13:43:58 ON 07 DEC 2005)

FILE 'REGISTRY' ENTERED AT 13:44:08 ON 07 DEC 2005

L1 1 S CARBIDOPA/CN

FILE 'CAPLUS' ENTERED AT 13:44:21 ON 07 DEC 2005

L2 760 S L1

L3 887808 S ESTER?

L4 13 S L2(8A) L3

=>

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	24	("3462536" "3715382" "3746753" "4051251" "4055645" "4156734" "4313956" "4663349" "4771073" "4873263"). PN.	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:57
L2	66	US-2996431-\$.DID. OR US-3139383-\$.DID. OR US-3402240-\$.DID. OR US-3676480-\$.DID. OR US-3715382-\$.DID. OR US-3811444-\$.DID. OR US-3845770-\$.DID. OR US-3916899-\$.DID. OR US-3962414-\$.DID. OR US-3992518-\$.DID. OR US-4063064-\$.DID. OR US-4066747-\$.DID. OR US-4070347-\$.DID. OR US-4079038-\$.DID. OR US-4083949-\$.DID. OR US-4088864-\$.DID. OR US-4093709-\$.DID. OR US-4200098-\$.DID. OR US-4285987-\$.DID. OR US-4311706-\$.DID. OR US-4421736-\$.DID. OR US-4434153-\$.DID. OR US-4721613-\$.DID. OR US-4752470-\$.DID. OR US-4816263-\$.DID. OR US-4820523-\$.DID. OR US-4826875-\$.DID. OR US-4853229-\$.DID. OR US-4966915-\$.DID. OR US-5017607-\$.DID. OR US-5462933-\$.DID. OR US-5607969-\$.DID. OR US-5840756-\$.DID.	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 12:04
L3	1167	levodopa	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 12:05
L4	88	1 2	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 12:06
L5	7	4 and 3	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 12:07
L6	2672	l-dopa	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 12:07
L7	3606	3 6	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 12:07
L8	20	4 and 7	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 13:10

L9	659	(560/34).CCLS.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/07 13:11
L10	694	(560/34).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/07 13:13
L11	740	carbidopa	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 13:17
L12	0	10 and 11	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 13:12
L13	0	9 and 11	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 13:14
L14	434	560/34	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 13:15
L15	0	10 and 11	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 13:15
L16	694	(560/34).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/07 13:54
L17	0	11 and 16	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 13:19
L18	740	carbidopa	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 13:20
L19	0	11 and 16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 13:21

L20	3	6 and 16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 13:22
L21	3	("3715382").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/07 13:58
L22	2	("6051576").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/07 13:59
L23	2	("6171615").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/07 14:00
L24	2	("6375987").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/07 14:00
L25	2	("6379700").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/07 14:01